

REMARKS/ARGUMENTS

Favorable reconsideration of this application as presently amended and in light of the following discussion is respectfully requested.

Claims 1-8, 10-12, 14-28, and 30-40 are pending in this application. Claims 1, 2, 5, 6, 11, 14, 17, and 18 are amended, Claims 30-40 are added, and Claim 29 is canceled without prejudice or disclaimer by the present amendment. As amended Claims 1, 2, 5, 6, 11, 14, 17, and 18, and new Claims 30-40, are supported by the original disclosure,¹ no new matter is added.

In the outstanding Official Action, Claims 1-6, 10-12, 14-18, and 21-29 were rejected under 35 U.S.C. §103(a) as unpatentable over Nagayama (Japanese Patent Application Publication No. 2000-243558) in view of Iyama (Japanese Patent Application Publication No. 09-138424); and Claims 7, 8, 19, and 20 were rejected under 35 U.S.C. §103(a) as unpatentable over Nagayama in view of Iyama, and further in view of Codama et al. (U.S. Patent No. 6,114,805, hereinafter “Codama”).

With respect to the rejection of Claims 1 and 11 under 35 U.S.C. §103(a) as unpatentable over Nagayama in view of Iyama, that rejection is respectfully traversed.

Amended Claim 1 recites in part “the supplementary wire has at least one surface layer containing a *Mo alloy* and has a different composition from a remainder of the supplementary wire, and the second conductive layer is made of a same material as the driving current circuit connecting terminal.”

As stated in the original specification, the use of Mo alloy in the supplemental wire instead of pure Mo improves anti-corrosion characteristics of the supplemental wire.²

¹See, e.g., Figure 4 and the original specification at page 17, line 24 to page 18, line 3.

²See the original specification at page 17, line 24 to page 18, line 3.

The outstanding Office Action conceded that Nagayama does not teach or suggest a supplemental wire that includes a layer containing an Mo alloy.³

Further, it is respectfully submitted that Iyama does not remedy this deficiency. The outstanding Office Action states that Iyama describes a wiring pattern having thin film layers described made of Mo. However, the Office Action does not argue, and Iyama does not teach or suggest, that these thin film layers are made of **Mo alloy**. Instead, Iyama only describes a thin film layer made of pure Mo, and does not describe an Mo alloy. Thus, it is respectfully submitted that the wiring pattern described in Iyama is not the “supplementary wire” defined in amended Claim 1.

Therefore, Claim 1 (and Claims 1-6, 10, 12, and 23-25 dependent therefrom) is patentable over Nagayama in view of Iyama. Further, as Claim 11 recites similar features to those of Claim 1 discussed above, it is respectfully submitted that Claim 11 (and Claims 14-22 and 26-28 dependent therefrom) is patentable over Nagayama in view of Iyama for at least the reasons discussed above.

With regard to the rejection of Claims 7, 8, 19, and 20 as unpatentable over Nagayama in view of Iyama, and further in view of Codama, it is noted that Claims 7, 8, 19, and 20 are dependent from Claims 1 and 11, and thus are believed to be patentable for at least the reasons discussed above. Further, it is respectfully submitted that Codama does not cure any of the above-noted deficiencies of Nagayama and Iyama. Accordingly, it is respectfully submitted that Claims 7, 8, 19, and 20 are patentable over Nagayama in view of Iyama and further in view of Codama.

With regard to the rejection of Claim 29, Claim 29 is canceled, making this rejection moot.

³See the outstanding Office Action at page 3, lines 4-7.

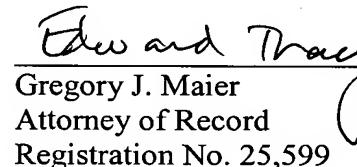
New Claim 30 is supported at least by original Claim 1 and Figure 4. New Claim 30 recites "the supplementary wire has at least one surface layer containing a *Mo alloy* and has a different composition from a remainder of the supplementary wire." Accordingly, new Claim 30 is believed to be allowable for at least the reasons described above with respect to Claim 1.

New Claims 31-40 are supported at least by the original specification at page 17, line 24 to page 18, line 3. It is noted that new Claims 31-40 are dependent from Claims 1, 11, and 30. Therefore, it is respectfully submitted that New Claims 31-40 are allowable for at least the reasons described above with respect to Claims 1, 11, and 30.

Accordingly, the outstanding rejections are traversed and the pending claims are believed to be in condition for formal allowance. An early and favorable action to that effect is respectfully requested.

Respectfully submitted,

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